

R-585-6-7-17

ORIGINAL  
(Red)

PRELIMINARY FIELD TRIP REPORT  
FOR  
KENNETT SQUARE JUNKYARD (NOSNESKY JUNKYARD)  
KENNETT SQUARE, PENNSYLVANIA  
EPA NO. PA-281  
TDD NO. F3-8612-63

## 1.0 FIELD TRIP REPORT

### 1.1 Summary

On Tuesday, May 26, 1987, NUS FIT 3 staff members

"non responsive based on revised scope"

"non responsive based on revised scope"

visited the Nosnesky Junkyard Property in Kennett Square, Pennsylvania. The purpose of the visit was to conduct a site investigation of the junkyard. Weather conditions were cloudy, with temperatures in the mid-60s. The total number of samples obtained was 11 solid and 6 aqueous samples, including blanks and duplicates. Full scan priority pollutant analysis was performed on all samples.

On Wednesday, May 27, 1987, NUS FIT 3 staff members

"non responsive based on revised scope"

"non responsive based on revised scope" performed sampling in the vicinity of Nosnesky Junkyard to determine the extent of polychlorinated biphenyl (PCB) contamination. Weather conditions were cloudy with light drizzle and a temperature in low 60s. The total number of samples obtained was 15 solid samples. PCB analysis was performed on all samples.

On Thursday, June 4, 1987, NUS FIT 3 staff members

"non responsive based on revised scope"

"non responsive based on revised scope" performed additional PCB sampling near the inactive NVF outfall. Weather conditions were cloudy with light drizzle, and the temperature was in the mid-70s. The total number of samples obtained was five solid samples. PCB analysis was performed on all samples.

Deviations from the Approved Sampling Plan

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- o Two drum samples were eliminated.
- o One soil sample was eliminated from the Philadelphia Electric substation area.
- o One additional swale sample was obtained.
- o Five additional soil samples were obtained in association with the NVF inactive outfall.

1.2 Persons Contacted

1.2.1 Prior To Field Trip

Lorie Acker  
Site Investigation Officer  
U.S. EPA  
841 Chestnut Building  
Ninth and Chestnut Streets  
Philadelphia, PA 19107  
(215) 597-3165

Harry Daw  
EPA Enforcement  
841 Chestnut Building  
Ninth and Chestnut Streets  
Philadelphia, PA 19107  
(215) 597-6681

non responsive based on revised scope

Attornies at Law  
MacElree, Harvey, Gallagher, and  
Featherman, Ltd.  
17 West Miner Street  
West Chester, PA 19381  
(215) 436-0100

non responsive based on revised scope

Environmental Resource Mgmt.  
999 West Chester Pike  
West Chester, PA 19382  
(215) 692-8606

non responsive based on revised scope

Octoraro Railway  
P.O. Box 146  
Kennett Square, PA 19348  
(215) 444-0238

non responsive based on revised scope

South Mills Mushroom Sales  
649 West South Street  
Kennett Township, PA 19348  
(215) 444-4800

**1.2.2 At The Site**

non responsive based on revised scope

Attornies at Law  
MacElree, Harvey, Gallagher,  
and Featherman, Ltd.  
17 West Miner Street  
(215) 436-0100

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non responsive based on revised scope

Environmental Resource Mgmt.  
999 West Chester Pike  
West Chester, PA 19382  
(215) 692-8606

### 1.3 Site Observations

May 26, 1987

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- o No readings above normal were recorded for the mini-alert.
- o The HNU background reading was 2.1 ppm (0 to 20 ppm setting).
- o The on-site drum sampled was approximately 1/4 full. An HNU reading of 45 ppm was recorded during the sampling of the drum. The liquid that was obtained was orange in color.
- o A second drum, approximately 3/4 full, was identified by NUS FIT 3. However, FIT 3 was unable to open the drum because of the weathered and rusted condition of the drum. A value of 50 ppm was recorded near a crack in the drum's top.
- o A total of two drums that contained wastes were observed by NUS FIT 3.
- o Aqueous samples obtained from the West Branch of Red Clay Creek were clear and odorless.
- o Samples S-1, S-2, and S-3 were obtained from the drum storage areas (stained soils).
- o The S-4 sample was obtained from a large burn pile. The burn pile consisted of tires, metal scraps, drums, and other various unknown materials.
- o The S-5 sample was obtained from a stain soil area located near a metal compactor machine. The stained soils were suspected of containing a type of petroleum substance.
- o Split samples were obtained by Environmental Resource Management (ERM) personnel at various sample locations (S-1, S-2, S-3, S-4, S-5, ST-2, ST-2B, background, and drum no. 1).

- o No drainage pathways were observed from the railroad tracks to the West Branch of Red Clay Creek.

May 27, 1987

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- o No readings above normal were recorded on the mini-alert.
- o The HNU background was 2.2 ppm (0 to 20 ppm setting). No HNU readings above background were recorded.
- o All swale and tributary samples were obtained in areas where suspended solids would naturally settle.
- o Both the tributary and swale contained water.
- o Aquatic organisms (i.e., minnows, worms) were observed in the swale.
- o Drainage from the Philadelphia Electric substation flows in a westwardly direction before it is disrupted by earth-moving objects.
- o Auger sampling was not performed due to standing water in the tributary and swale.
- o An oily sheen was observed during sampling at locations SW-1 and SW-2.

June 4, 1987

- o No readings were recorded above normal for the mini-alert.
- o The HNU background was 1.4 ppm (0 to 20 ppm setting). No HNU readings above background were recorded.
- o The background sample was obtained just east of Center Street and immediately south of the railroad tracks.

- o Samples S-10 and S-11 were taken at the discharge point of the abandoned NVF outfall. No evidence of recent discharge was observed.
- o S-12 and S-13 samples were obtained downgradient of the NVF outfall. The drainage pathway did not contain water.

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**ATTACHMENT 1**

**AR100763**

<b>1.A. COST CENTER:</b> Region 3		<b>FIT ZONE I CONTRACT</b> <b>CONTRACT NO. 68-01-7346</b> <b>TECHNICAL DIRECTIVE DOCUMENT (TDD)</b>		<b>2. NO.:</b> ORIGINAL F3-8612 (Red)	
<b>1.B. ACCOUNT NO.:</b> S575PA73SI				<b>2.A.:</b> <input type="checkbox"/> NEW ASSIGNMENT <input checked="" type="checkbox"/> AMENDMENT	
<b>3.A. PRIORITY:</b> <input checked="" type="checkbox"/> HIGH <input type="checkbox"/> MEDIUM <input type="checkbox"/> LOW		<b>4.A. ESTIMATE OF TECHNICAL HOURS:</b> 300		<b>5.A. SSID NO.:</b>  	
				<b>6. DESIRED REPORT FORM</b> <input checked="" type="checkbox"/> FORMAL REPORT <input type="checkbox"/> FORMAL BRIEFING <input type="checkbox"/> LETTER REPORT <input type="checkbox"/> OTHER (SPECIFY):	
<b>3.B. KEY EPA CONTACT:</b> NAME: L. Acker H. Daw PHONE: 597-3165 597-6680		<b>4.B. ESTIMATE OF SUBCONTRACT COST:</b>  		<b>5.B. EPA SITE NAME:</b> PA-281 / Kennett Square Junkyard *	
		<b>5.C. CITY/COUNTY/STATE:</b> Kennett Square, Chester, PA.		<b>7.A. START DATE:</b> 05/87  <b>7.B. ESTIMATED COMPLETION DATE:</b> 11/30/87 <i>Draft.</i>	
<b>8. TYPE OF ACTIVITY:</b> <input type="checkbox"/> PA <input checked="" type="checkbox"/> SI <input type="checkbox"/> ESI <input type="checkbox"/> HRS SUPPORT <input type="checkbox"/> QA SUPPORT <input type="checkbox"/> SPECIAL STUDIES <input type="checkbox"/> ENFORCEMENT SUPPORT <input type="checkbox"/> TRAINING <input type="checkbox"/> EQUIPMENT MAINTENANCE <input type="checkbox"/> GENERAL TECHNICAL ASSISTANCE <input type="checkbox"/> PROGRAM MANAGEMENT					
<b>9. GENERAL TASK DESCRIPTION:</b> Perform a site inspection of the subject site. ( Extent of contamination study ).  <i>AMENDMENT DUE TO CHANGE IN START DATE</i>					
<b>10. SPECIFIC ELEMENTS:</b> 1.) Review background information. Refer information obtained under TDD-F3-8512-03. 2.) Meet with Harry Daw (597-6680) to determine requirements. 3.) Contact state and local agencies for relevant information. 4.) Prepare and submit sampling plan to EPA for approval. 5.) Coordinate lab analysis. Arrange site access. 6.) Conduct on and off site inspection and sampling. <i>No samp constraints</i> 7.) Take and ship samples according to standard protocol. 8.) Prepare and submit field trip report, due two weeks after site inspection. 9.) Perform quality assurance review of lab data. 10.) Prepare and submit report, include in cover letter recommendations for need of HRS. <input checked="" type="checkbox"/> <b>ADDITIONAL SCOPE ATTACHED</b> 11.) All work on this project to be performed according to: WP-SI-1, Rev.1. Refer to attached request for additional instructions.				<b>11. INTERIM DEADLINES:</b>        	
<b>12. COMMENTS:</b> *Site Alais: Nozensky Junkyards    State Code 042    County Code 029					
<b>13. AUTHORIZING:</b> <input checked="" type="checkbox"/> RPO <input type="checkbox"/> DPO <input type="checkbox"/> PO <div style="text-align: center;"> <i>Harold G. Byer</i>            (SIGNATURE)         </div>				<b>14. DATE:</b> 4/22/87	
<b>15. RECEIVED BY:</b> <input checked="" type="checkbox"/> ACCEPTED <input type="checkbox"/> ACCEPTED WITH EXCEPTIONS (ATTACH) <input type="checkbox"/> REJECTED				<b>16. DATE:</b> 4/24/87	
				<div style="text-align: center;"> <div style="background-color: black; color: red; padding: 2px;">non responsive based on revised scope</div>            (CONTRACTOR FITOM SIGNATURE)         </div>	



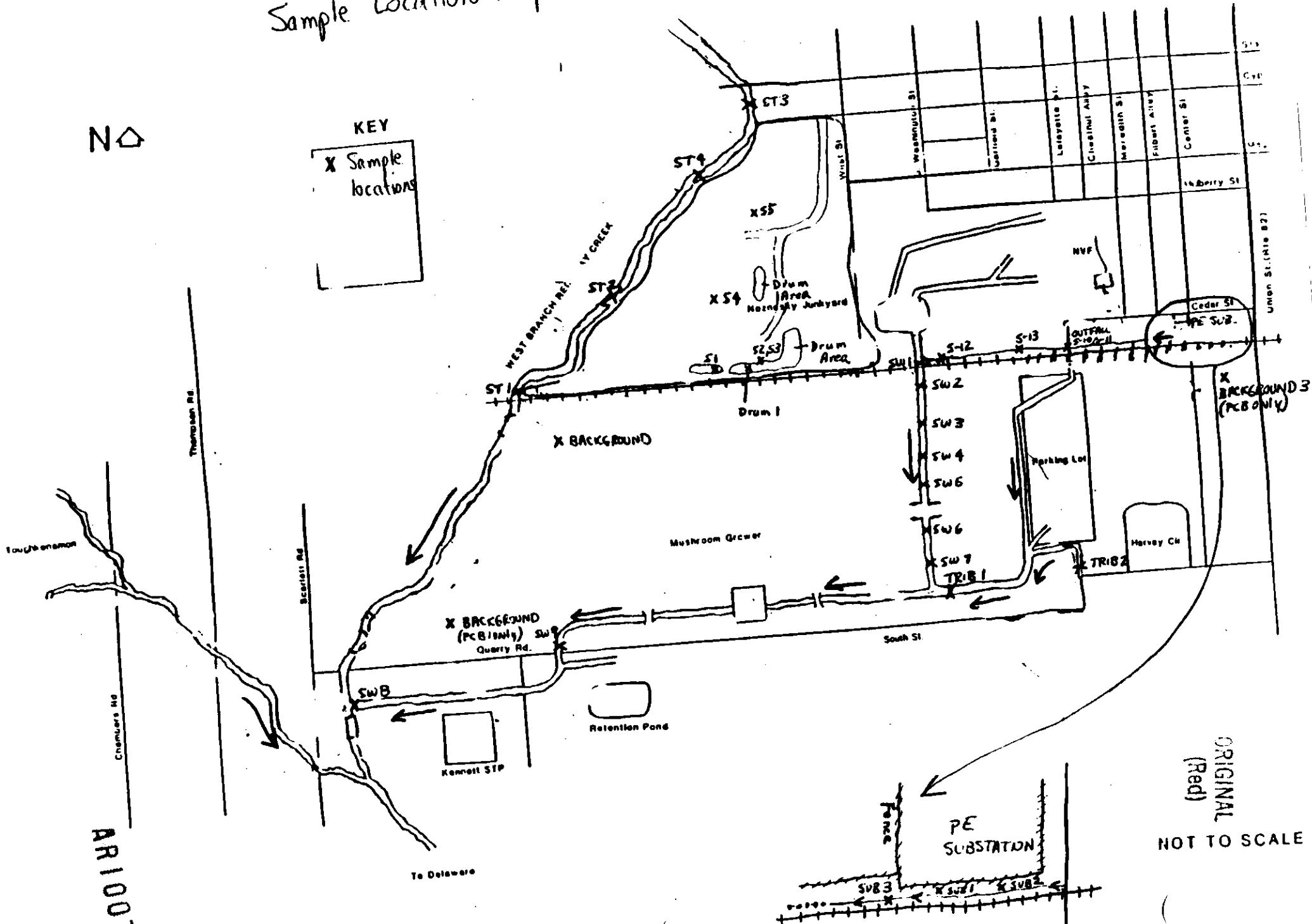
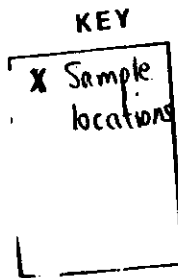
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ATTACHMENT 2

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# Sample Location Map

NO



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NOT TO SCALE

AR100

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ATTACHMENT 3

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TDD Number E3-862-63  
EPA Number PA-281

## SAMPLE LOG

Site Name KENNETT SQUARE JUNKYARD  
(NOSNESKY JUNKYARD)

[illegible]

ORIGINAL  
(copy)

~~HR 100758~~

DD Number A 3612-63  
 PA Number P 281

SAMPLE L

Site Name Kennett Sp. : Junkyard  
(Nosnesky Junkyard)

TRAFFIC REPORTS			SAMPLING LOCATION	PHASE	SAMPLE DESCRIPTION	DATE	TIME	pH	COMMENTS/OBSERVATIONS	LABORATORY
Organic	Inorganic	High Hazard								
N/A	MCK375		S-1	SOL	DRUM AREA STAINED SOIL	5/26/87	11:15			
	MCK374		S-2	SOL	DRUM AREA STAINED SOIL		12:05		SAMPLE ANALYSIS performed by ORGANICS - ENVIRODYNE ENGINEERS	
	MCK373		S-3	SOL	DUPLICATE OF S-2		12:05			
	MCK377		S-4	SOL	BURN AREA		13:45			
	MCK376		S-5	SOL	STAINED SOIL		15:30			
	MCK380		ST-1	AQ	RED CLAY CREEK AQUEOUS		13:20		INORGANICS - (R.MAL) ROCKY MOUNTAIN ANALYTICAL LABS.	
	MCK383		ST-2	AQ	↓		13:50			
	MCK381		ST-3	AQ			14:40			
	MCK378		ST-4	AQ			15:15			
	MCK382		ST-2B	AQ	DUPLICATE OF ST-2 LOW CONCENTRATION AQUEOUS		13:50			
	MCK384		BLANK	AQ			17:32			
	MCK379		BACKGROUND	SOL	RECREATIONAL PARK		13:30			
		✓	DRUM 1	AQ	DRUM SAMPLE		10:50		HNU reading of 45 ppm	
	MCK385		ST-1	SOL	RED CLAY CREEK SEDIMENT		13:20			
	MCK386		ST-2	SOL	↓		13:50			
	MCK387		ST-3	SOL			14:40			
	MCK388		ST-4	SOL			15:15			
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NOTE: DRUM #1 sample not shipped for analysis (LAB NOT ASSIGNED)  
 WILL BE shipped at later date.

Site Name Kennett Square Junkyard  
(Nosnesky Junkyard)

## PCB SAMPLING

[illegible]